

What is claimed is:

1. An organic electroluminescence device comprising:
 - a first substrate;
 - a first electrode layer formed over the first substrate;
 - an organic light emitting layer formed over the first substrate;
 - a second electrode layer formed over the organic light emitting layer;
 - a second substrate;
 - a seal pattern on an outer portion of the first substrate or the second substrate for forming a cell gap between the two substrates and for attaching the two substrates; and
 - a plurality of cell gap maintaining structures located between the first substrate and the second substrate within the seal pattern.
2. The device of claim 1 further comprising a passivation layer formed on the upper part of the second electrode layer.
3. The device of claim 1, wherein the cell gap maintaining structure is formed over the passivation layer.
4. The device of claim 1, wherein the cell gap maintaining structure are arranged with predetermined intervals therebetween in longitudinal and transverse directions between the first

and second substrates.

5. The device of claim 1, wherein the cell gap maintaining structure is made of an organic material.

6. The device of claim 1, wherein the cell gap maintaining structure are arranged discontinuously.

7. The device of claim 1 further comprising a plurality of desiccant films formed on the second substrate.

8. The device of claim 1, wherein the cell gap maintaining structure is formed on the second substrate except where the desiccant film is formed.

9. The device of claim 1, wherein a height of the cell gap maintaining structure is lower than the cell gap between the first substrate and the second substrate.

10. The device of claim 1, wherein the height of the cell gap maintaining structure is same as the cell gap between the first substrate and the second substrate.

11. An organic electroluminescence device comprising:

an organic light emitting substrate on which an organic light emitting layer is formed to output the light according to signal application;

an encapsulating substrate attached with the organic light emitting substrate for protecting the organic light emitting substrate; and

a cell gap maintaining structure located between the organic light emitting substrate and the encapsulating substrate for maintaining the gap between the organic light emitting substrate and the encapsulating substrate.

12. The device of claim 11, wherein the cell gap maintaining structure is an organic pattern.

13. The device of claim 11, wherein the cell gap maintaining structure is formed as a stripe.

14. A method for fabricating an organic electroluminescence device comprising:
forming a first electrode layer on an upper part of a first substrate;
forming an organic light emitting layer on an upper part of the first electrode layer;
forming a second electrode layer on an upper part of the organic light emitting layer;
forming a cell gap maintaining structure between the first substrate and a second substrate;
forming a seal pattern on an outer portion of the first substrate or the second substrate;

and

attaching the first substrate and the second substrate using the seal pattern.

15. The method of claim 14 further comprising forming a passivation layer on an upper part of the second electrode layer.

16. The method of claim 15, wherein forming the cell gap maintaining structure comprising;

applying an organic material on the passivation layer; and
patterning the organic layer.

17. The method of claim 14, wherein the cell gap maintaining structure is formed on the first substrate.

18. The method of claim 14, wherein the cell gap maintaining structure is formed on the second substrate.

19. The method of claim 14, further comprising:
forming a plurality of recesses by etching the second substrate; and
installing desiccant film in the recesses.

20. An organic electroluminescence device comprising:

- a first substrate;
- a first electrode layer formed over the first substrate;
- an organic light emitting layer formed over the first substrate;
- a second electrode layer formed over the organic light emitting layer;
- a second substrate;
- a seal pattern on an outer portion of the first substrate or the second substrate for forming a cell gap between the two substrates and for attaching the two substrates; and
- a means for maintaining a cell gap located between the first substrate and the second substrate within the seal pattern.

21. The device of claim 20 further comprising a passivation layer formed on the upper part of the second electrode layer.

23. The device of claim 20, wherein the means for maintaining a cell gap is formed over the passivation layer.

24. The device of claim 20, wherein the means for maintaining a cell gap is arranged with predetermined intervals therebetween in longitudinal and transverse directions between the first and second substrates.

25. The device of claim 20, wherein the means for maintaining a cell gap is made of an organic material.

26. The device of claim 20, wherein the means for maintaining a cell gap is arranged discontinuously on at least one of the first and second substrates.

27. The device of claim 20 further comprising a plurality of desiccant films formed on the second substrate.

28. The device of claim 27, wherein the means for maintaining a cell gap is formed on the second substrate except where the desiccant film is formed.

29. The device of claim 20, wherein a height of the means for maintaining a cell gap is lower than the cell gap between the first substrate and the second substrate.

30. The device of claim 20, wherein the height of the means for maintaining a cell gap is same as the cell gap between the first substrate and the second substrate.